



SEQUENCE LISTING

<110> Coy, David H.
Moreau, Jacques-Pierre
Kim, Sun H.

<120> OCTAPEPTIDE BOMBESIN ANALOGS

<130> 00537-00900K

<140> 10/004,530

<141> 2001-10-23

<150> 09/260,846

<151> 1999-03-02

<150> 08/337,127

<151> 1994-11-10

<150> 07/779,039

<151> 1991-10-18

<150> 07/502,438

<151> 1990-03-30

<150> 07/397,169

<151> 1989-08-21

<150> 07/376,555

<151> 1989-07-07

<150> 07/317,941

<151> 1989-03-02

<150> 07/282,328

<151> 1988-12-09

<150> 07/257,998

<151> 1988-10-14

<150> 07/248,771

<151> 1988-09-23

<150> 07/207,759

<151> 1988-06-16

<150> 07/204,171

<151> 1988-06-08

<150> 07/173,311

<151> 1988-03-25

<150> 07/100,571

<151> 1987-09-24

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 14

<212> PRT

<213> *Xenopus laevis*

<400> 1

Glu	Gln	Arg	Leu	Gly	Asn	Gln	Trp	Ala	Val	Gly	His	Leu	Met
1				5					10				

<210> 2

<211> 27

<212> PRT

<213> *Sus scrofa*

<400> 2

Ala	Pro	Val	Ser	Val	Gly	Gly	Gly	Thr	Val	Leu	Ala	Lys	Met	Tyr	Pro
1				5				10						15	
Arg	Gly	Asn	His	Trp	Ala	Val	Gly	His	Leu	Met					
			20				25								

<210> 3

<211> 27

<212> PRT

<213> *Homo sapiens*

<400> 3

Val	Pro	Leu	Pro	Ala	Gly	Gly	Gly	Thr	Val	Leu	Thr	Lys	Met	Tyr	Pro
1				5				10						15	
Arg	Gly	Asn	His	Trp	Ala	Val	Gly	His	Leu	Met					
			20				25								

<210> 4

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<221> VARIANT

<222> 8

<223> Xaa = statine

<400> 4

Glu	Gln	Trp	Ala	Val	Gly	His	Xaa
1				5			

<210> 5

<211> 29

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<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<221> VARIANT

<222> 2

<223> Ala at position 2 is Ala, D-Ala, N-methyl-D-Ala,
or alpha-aminobutyric acid

<400> 5

Tyr	Ala	Asp	Ala	Ile	Phe	Thr	Asn	Ser	Tyr	Arg	Lys	Val	Leu	Gly	Gln
1				5					10					15	
Leu	Ser	Ala	Arg	Lys	Leu	Leu	Gln	Asp	Ile	Met	Ser	Arg			
			20				25								

<210> 6

<211> 9

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<213> Artificial Sequence

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<400> 6

Glu	Gln	Trp	Ala	Val	Gly	His	Phe	Leu
1				5				

<210> 7

<211> 9

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<220>

<223> Synthetically generated peptide

<400> 7

Glu	Gln	Trp	Ala	Val	Gly	His	Leu	Leu
1				5				

<210> 8

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<221> VARIANT

<222> 10

<223> Xaa = benzhydrylamine

<400> 8

Glu	Gln	Trp	Ala	Val	Gly	His	Leu	Leu	Xaa
1				5					10

<210> 9

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<221> VARIANT
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 <223> Xaa = statine

<221> VARIANT
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 <223> Xaa = methylbenzhydramine

<400> 9
 Glu Gln Gln Trp Ala Val Gly His Xaa Xaa
 1 5 10

<210> 10
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<221> VARIANT
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 <223> Xaa = Boc

<221> VARIANT
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 <223> Xaa = methylbenzhydramine

<400> 10
 Xaa Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln
 1 5 10 15
 Asp Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala
 20 25 30
 Arg Ala Arg Leu Xaa
 35

<210> 11
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 11
 Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
 1 5 10 15
 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
 20 25

<210> 12
 <211> 10
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<220>

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<400> 12

Gly Asn His Trp Ala Val Gly His Leu Leu
1 5 10

<210> 13

<211> 9

<212> PRT

<213> Homo sapiens

<400> 13

Glu Gln Trp Ala Val Gly His Phe Met
1 5

<210> 14

<211> 10

<212> PRT

<213> Homo sapiens

<400> 14

Gly Ser His Trp Ala Val Gly His Leu Met
1 5 10

<210> 15

<211> 10

<212> PRT

<213> Xenopus laevis

<400> 15

Gly Asn Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> 16

<211> 10

<212> PRT

<213> Homo sapiens

<400> 16

Gly Asn His Trp Ala Val Gly His Leu Met
1 5 10

<210> 17

<211> 28

<212> PRT

<213> Homo sapiens

<400> 17

His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
1 5 10 15
Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
20 25

<210> 18

<211> 27

<212> PRT

<213> Homo sapiens

<400> 18

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His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln
 1              5              10              15
Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile
              20              25

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<210> 19

<211> 27

<212> PRT

<213> Homo sapiens

<400> 19

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His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser
 1              5              10              15
Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val
              20              25

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<210> 20

<211> 44

<212> PRT

<213> Homo sapiens

<400> 20

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Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
 1              5              10              15
Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly
              20              25              30
Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu
              35              40

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<210> 21

<211> 29

<212> PRT

<213> Homo sapiens

<400> 21

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His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
 1              5              10              15
Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr
              20              25

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<210> 22

<211> 42

<212> PRT

<213> Homo sapiens

<400> 22

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Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
 1              5              10              15
Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
              20              25              30
Lys Ser Asp Trp Lys His Asn Ile Thr Gln
              35              40

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<210> 23

<211> 41

<212> PRT
 <213> Homo sapiens

<400> 23
 Ser Gln Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg
 1 5 10 15
 Glu Val Leu Glu Met Thr Lys Ala Asp Gln Leu Ala Gln Gln Ala His
 20 25 30
 Ser Asn Arg Lys Leu Leu Asp Ile Ala
 35 40

<210> 24
 <211> 39
 <212> PRT
 <213> Xenopus laevis

<400> 24
 Glu Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys
 1 5 10 15
 Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Asn Asn
 20 25 30
 Arg Leu Leu Leu Asp Thr Ile
 35

<210> 25
 <211> 38
 <212> PRT
 <213> Homo sapiens

<400> 25
 His Ser Asp Ala Ile Phe Thr Gln Gln Tyr Ser Lys Leu Leu Ala Lys
 1 5 10 15
 Leu Ala Lys Leu Ala Leu Gln Lys Tyr Leu Ala Ser Ile Leu Gly Ser
 20 25 30
 Arg Thr Ser Pro Pro Pro
 35

<210> 26
 <211> 41
 <212> PRT
 <213> Xenopus laevis

<400> 26
 Asn Asp Asp Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg
 1 5 10 15
 Asn Met Ile Glu Met Ala Arg Ile Glu Asn Glu Arg Glu Gln Ala Gly
 20 25 30
 Leu Asn Arg Lys Tyr Leu Asp Glu Val
 35 40